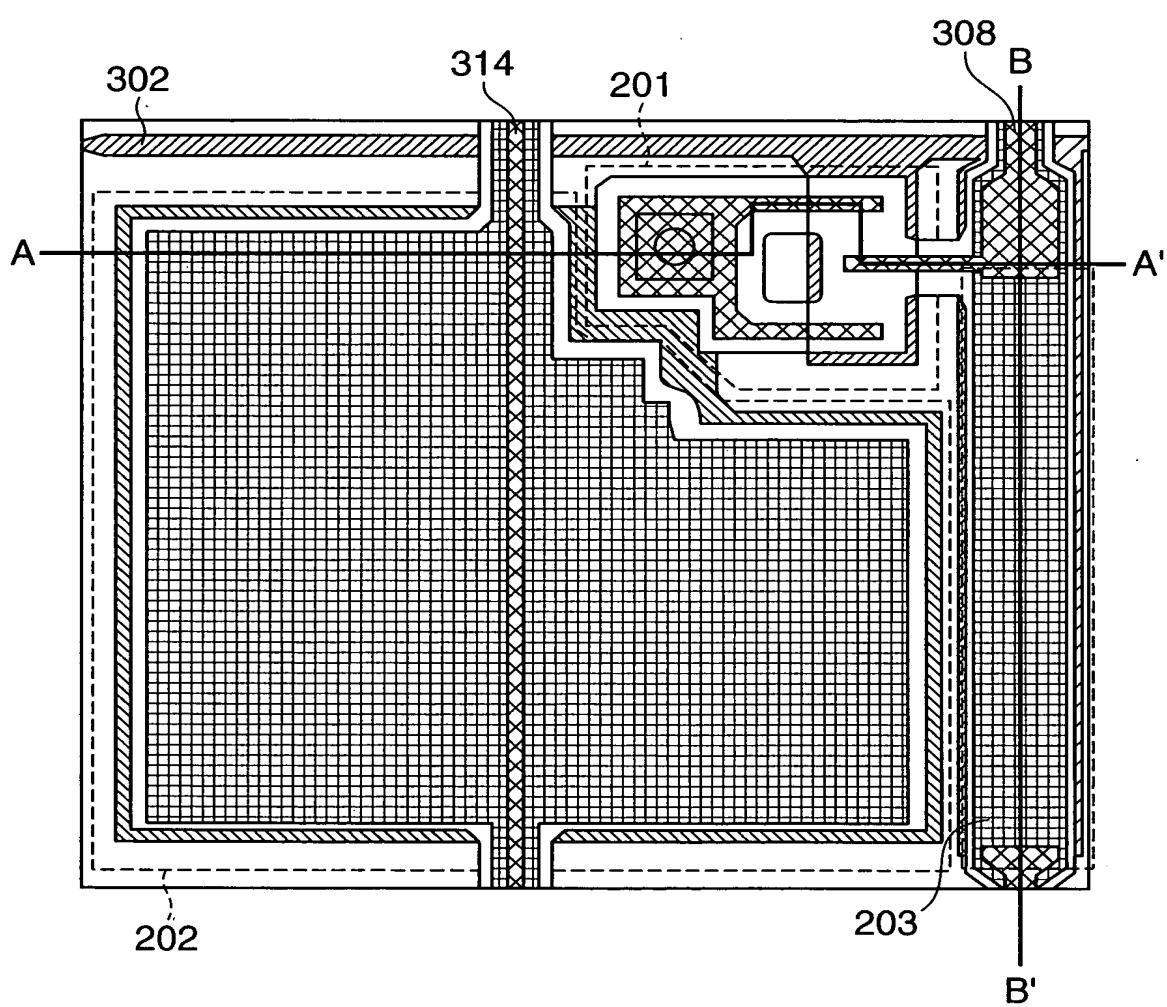
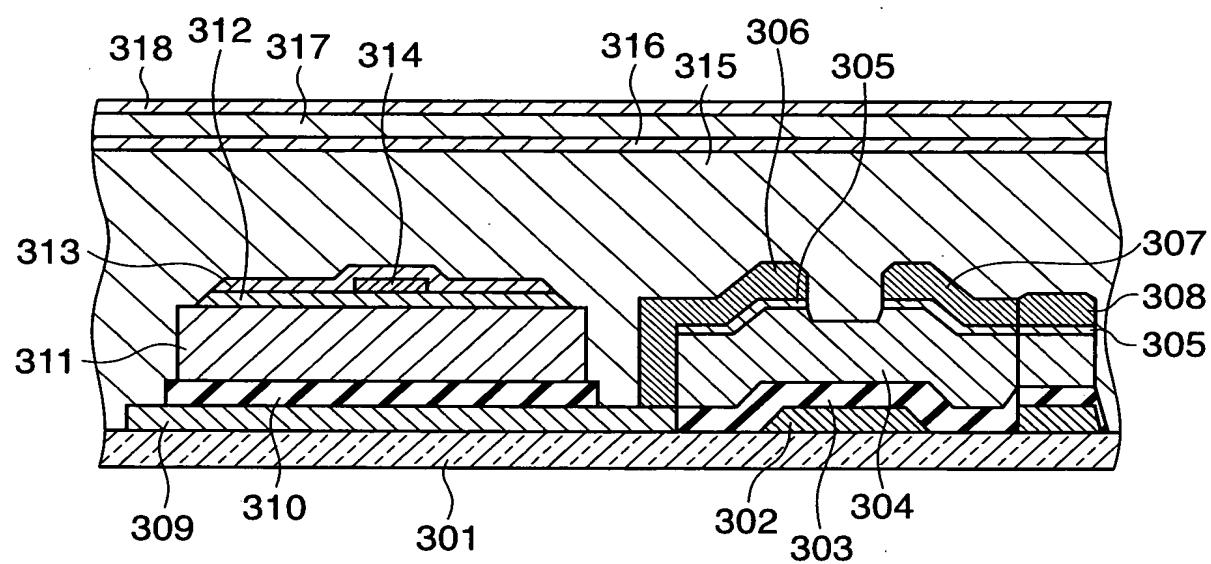
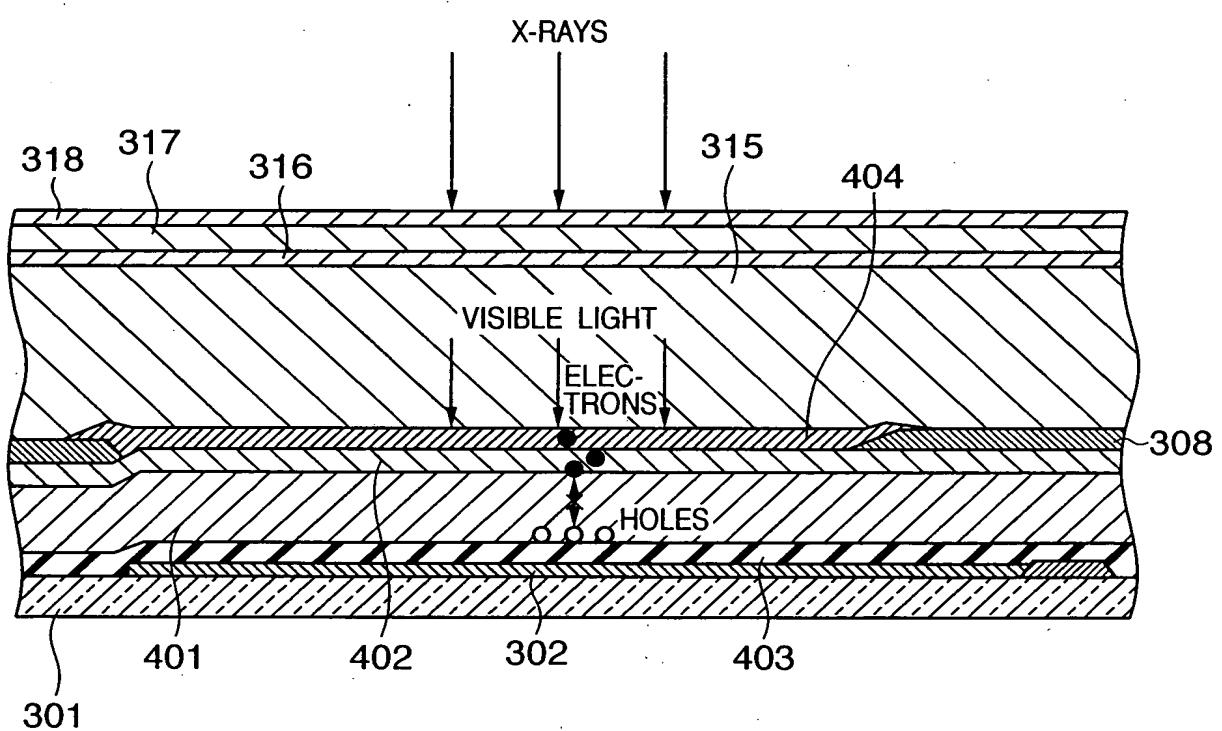


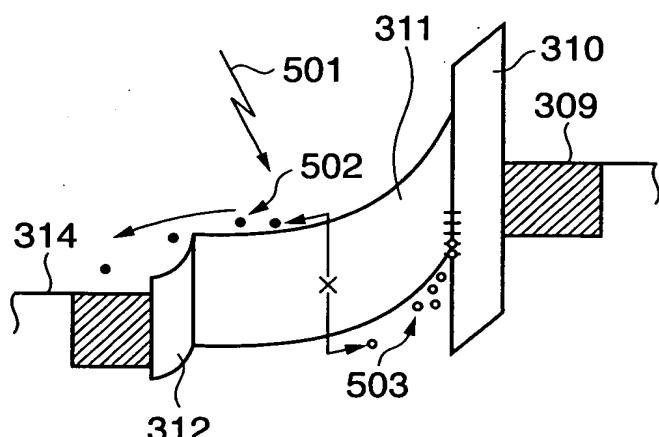
FIG. 1



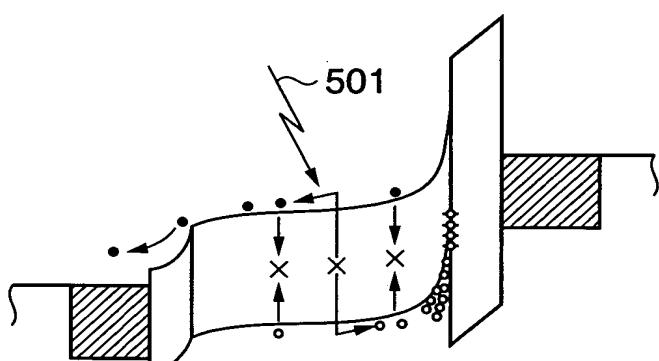
**F I G. 2**



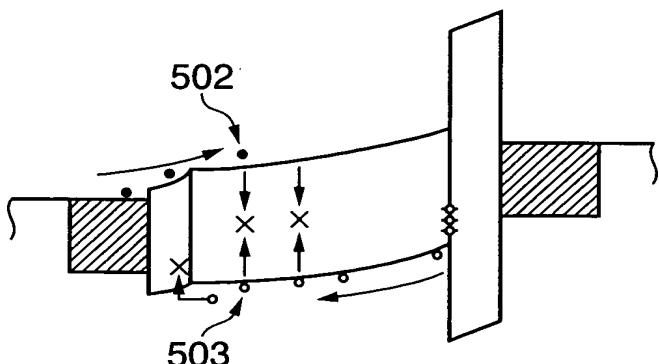
**F I G. 3**

**FIG. 4A**

PHOTOELECTRIC CONVERSION MODE

**FIG. 4B**

SATURATED STATE

**FIG. 4C**

REFRESH OPERATION

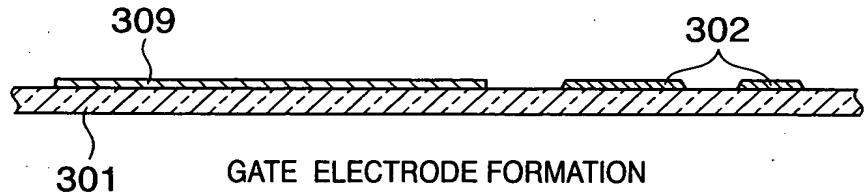
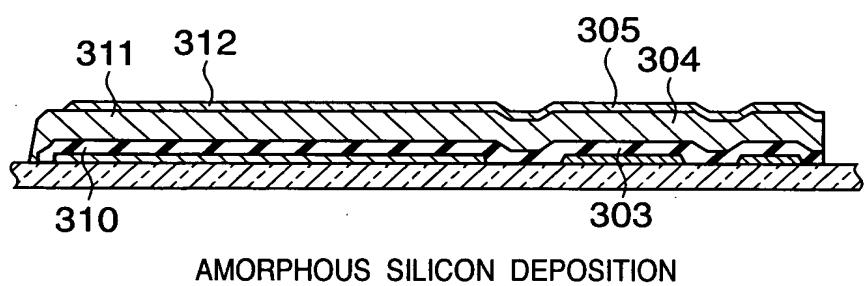
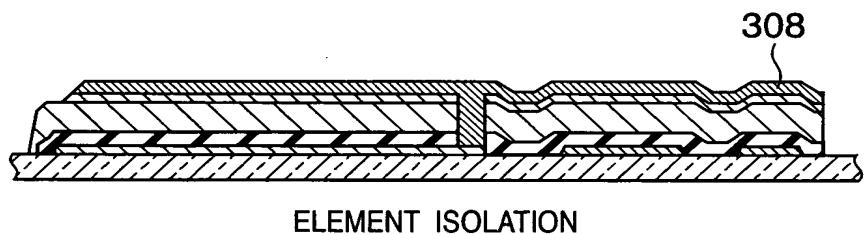
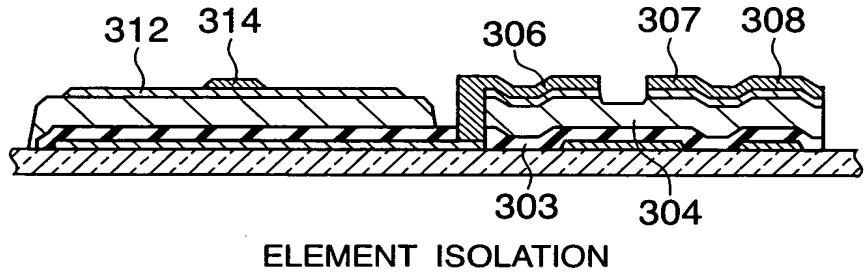
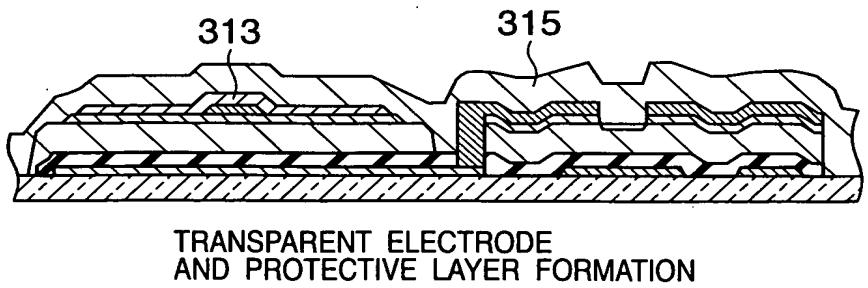
**FIG. 5A****FIG. 5B****FIG. 5C****FIG. 5D****FIG. 5E**

FIG. 6

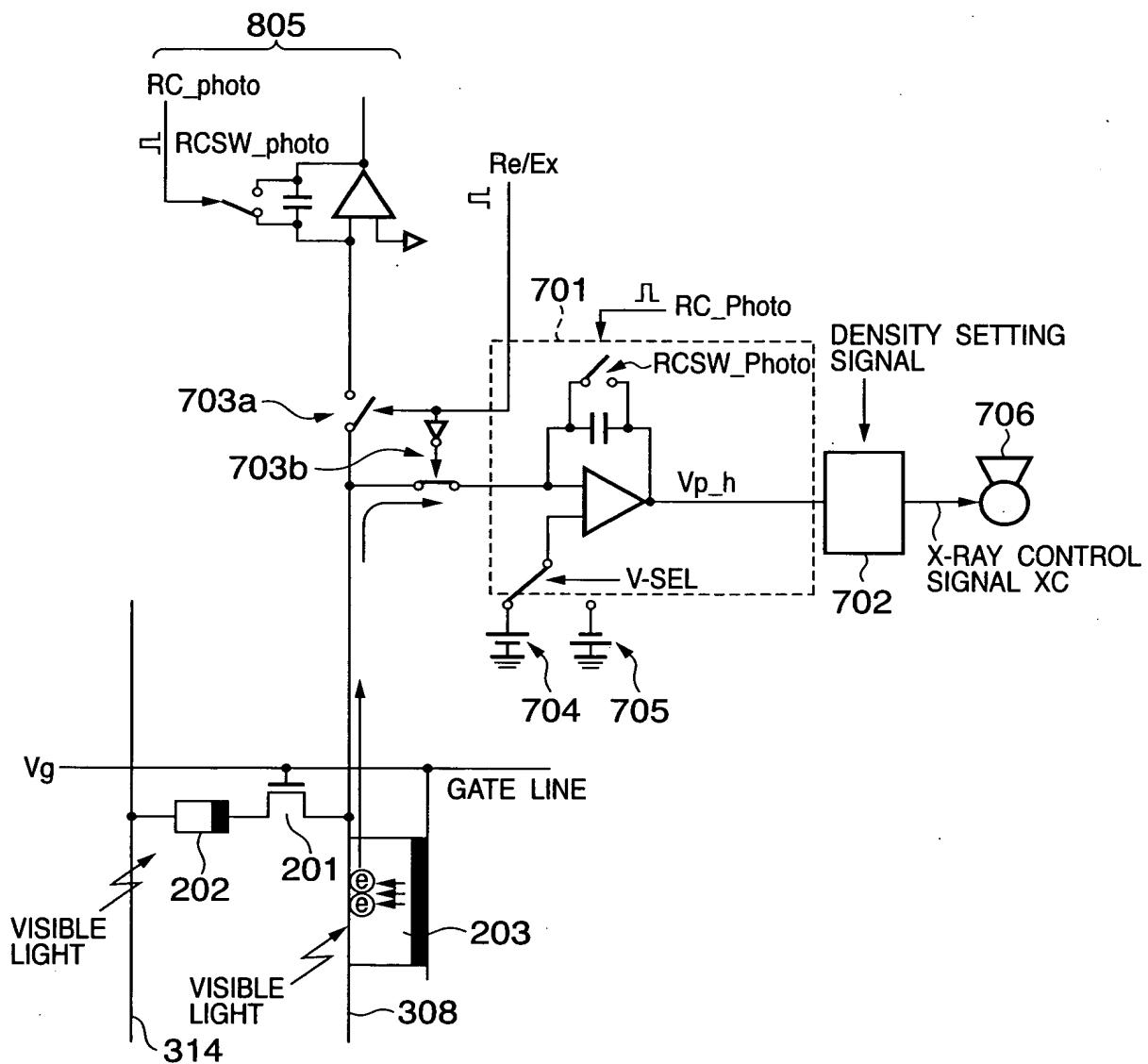
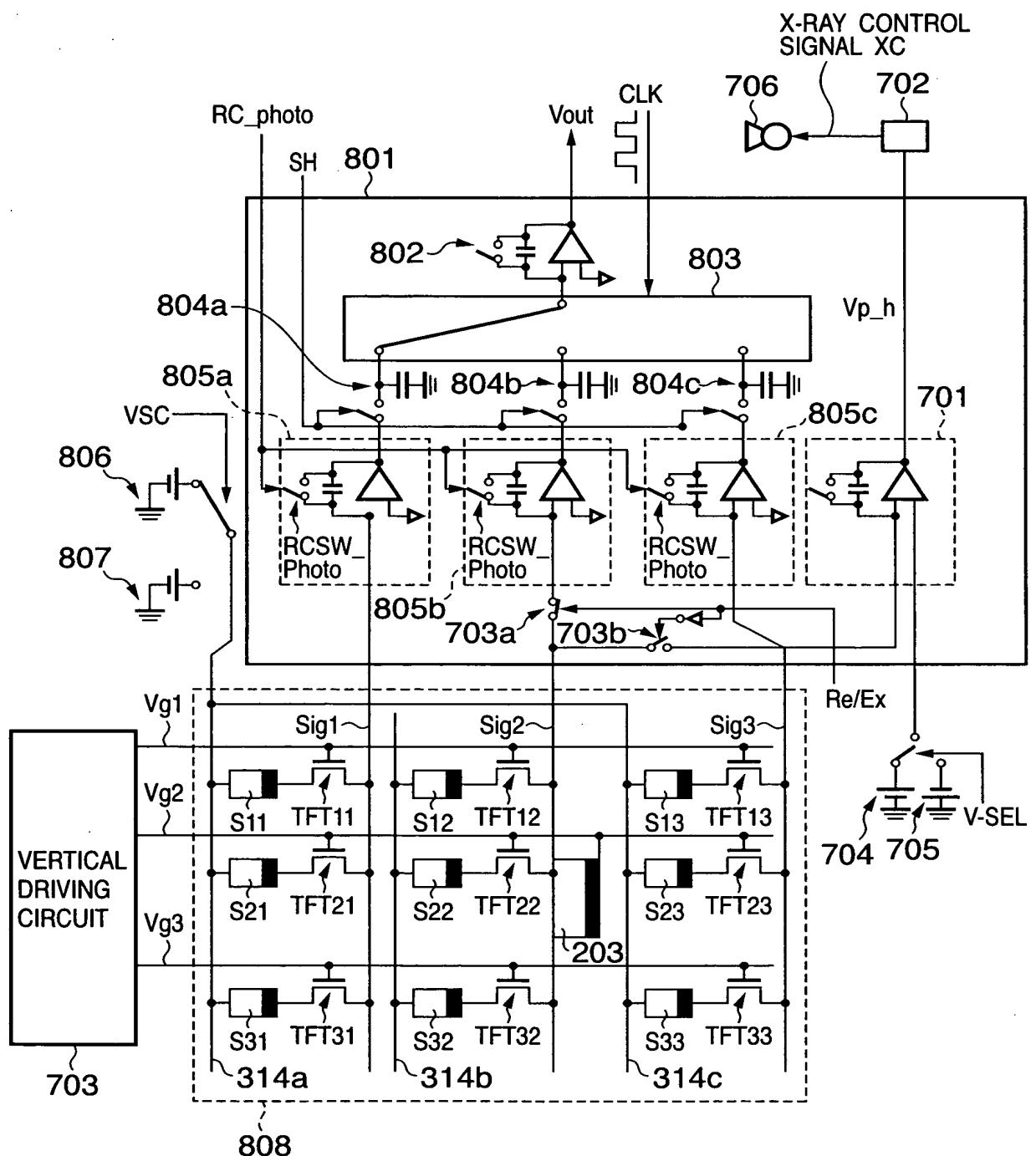
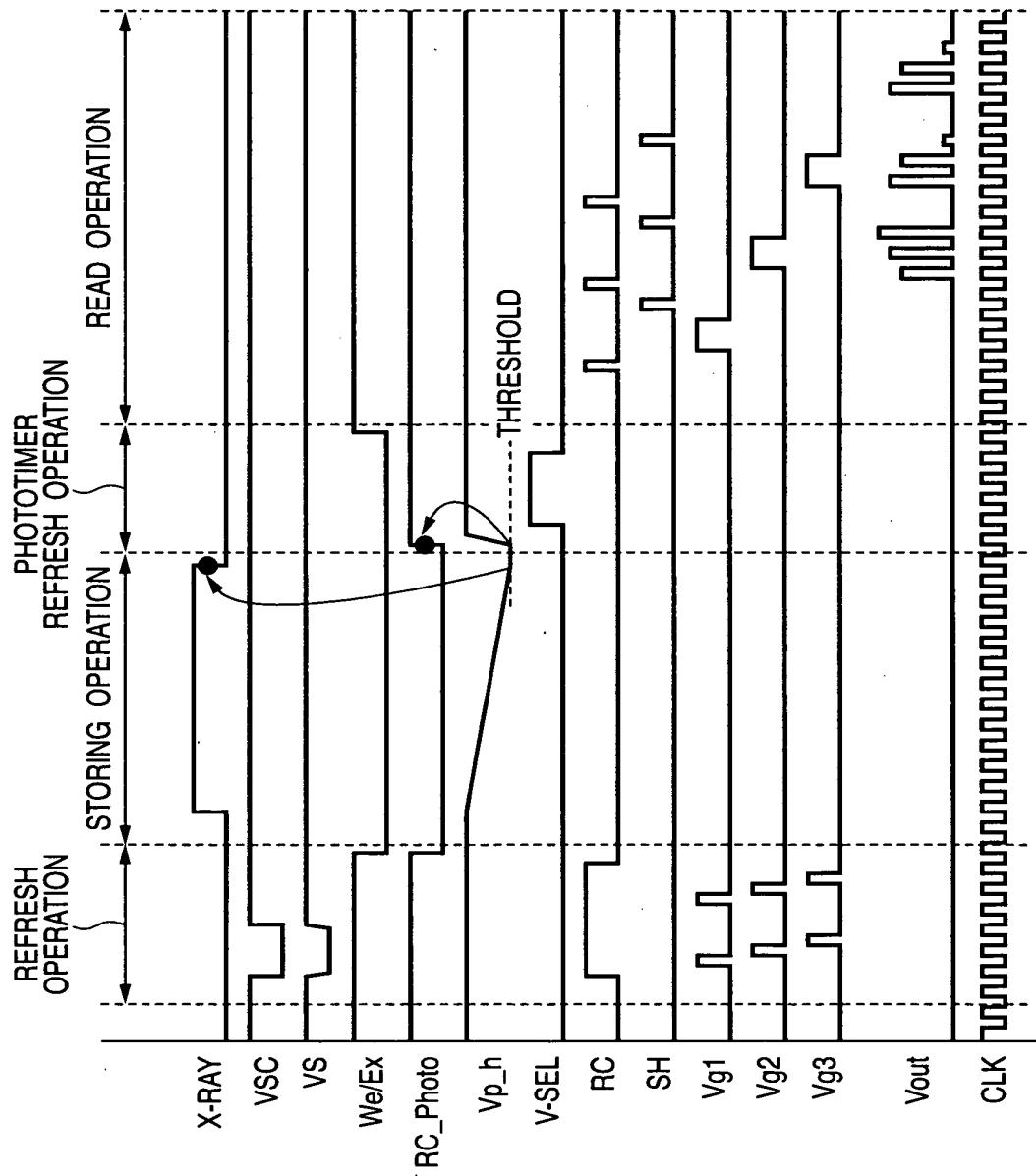


FIG. 7

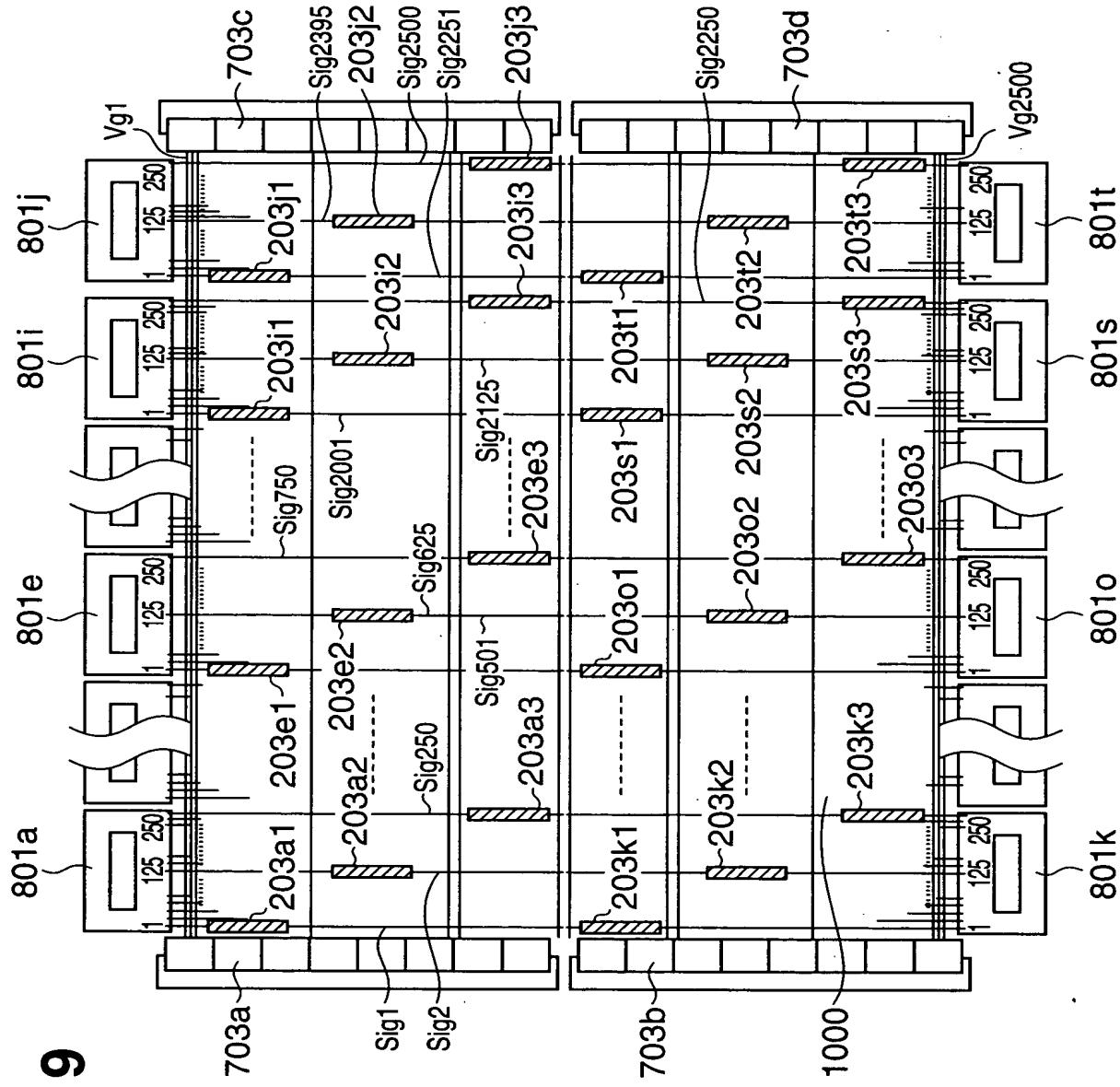


**FIG. 8**



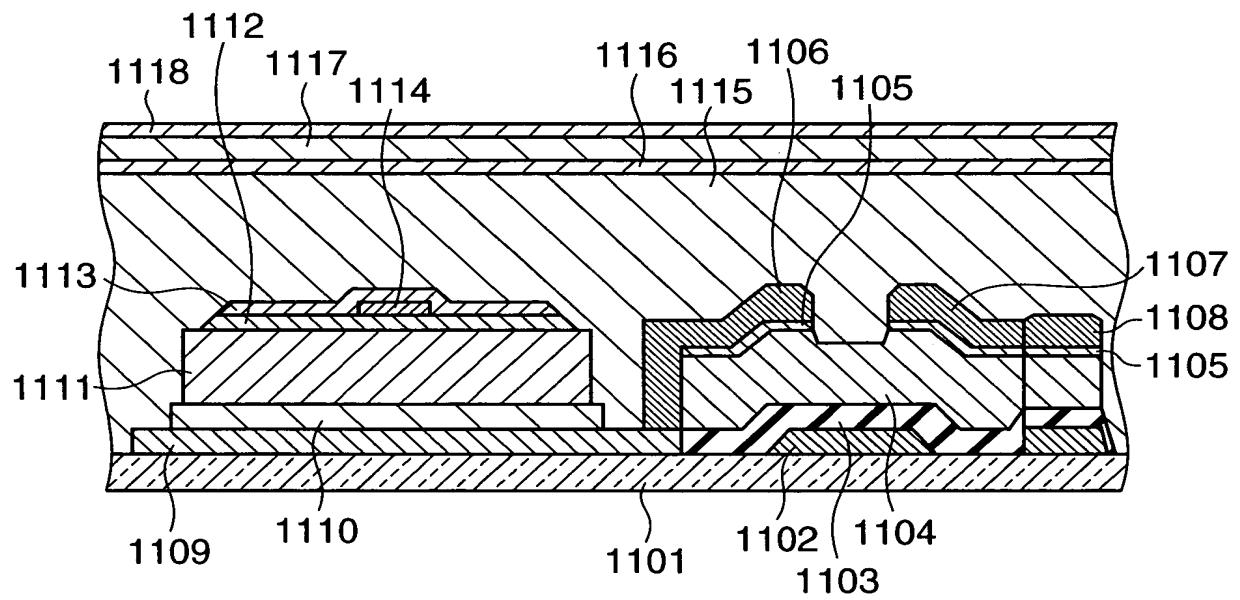
F-  
G.

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10/13

**FIG. 10**



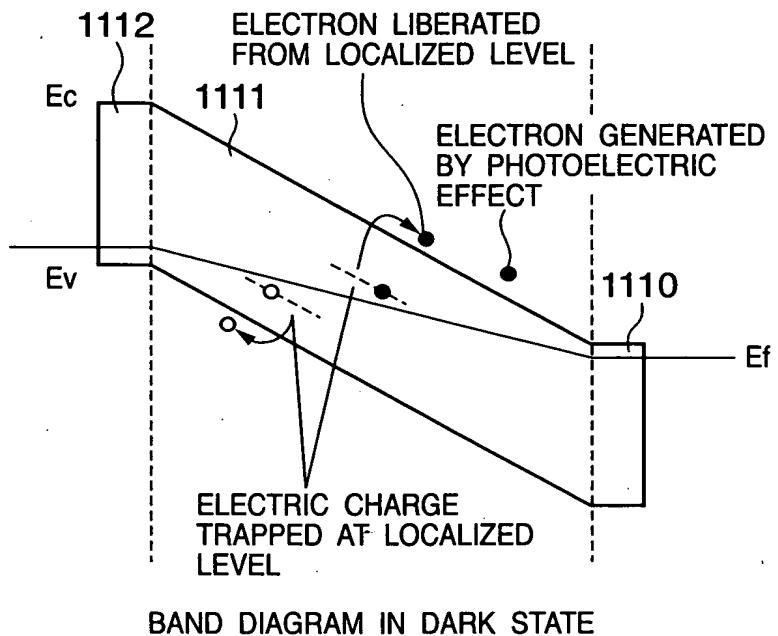
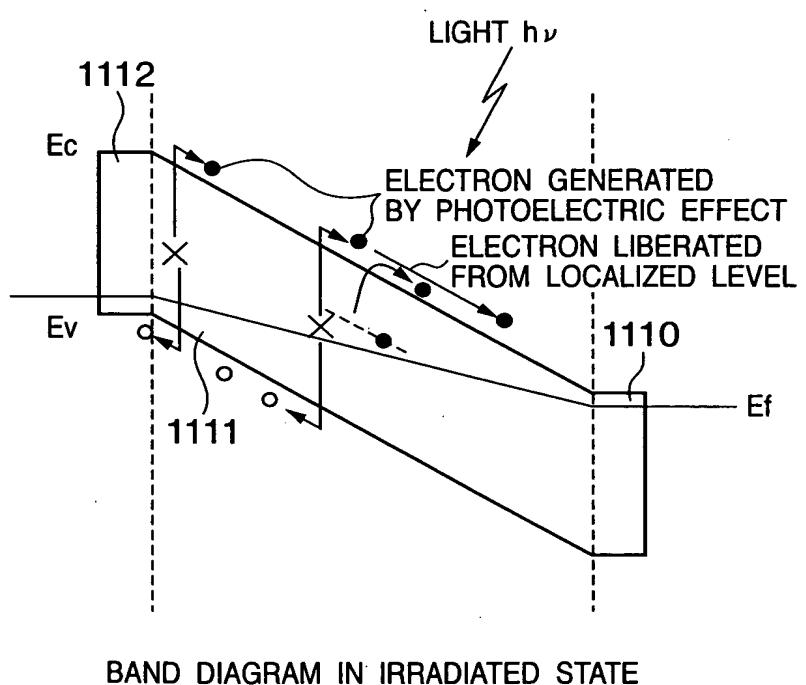
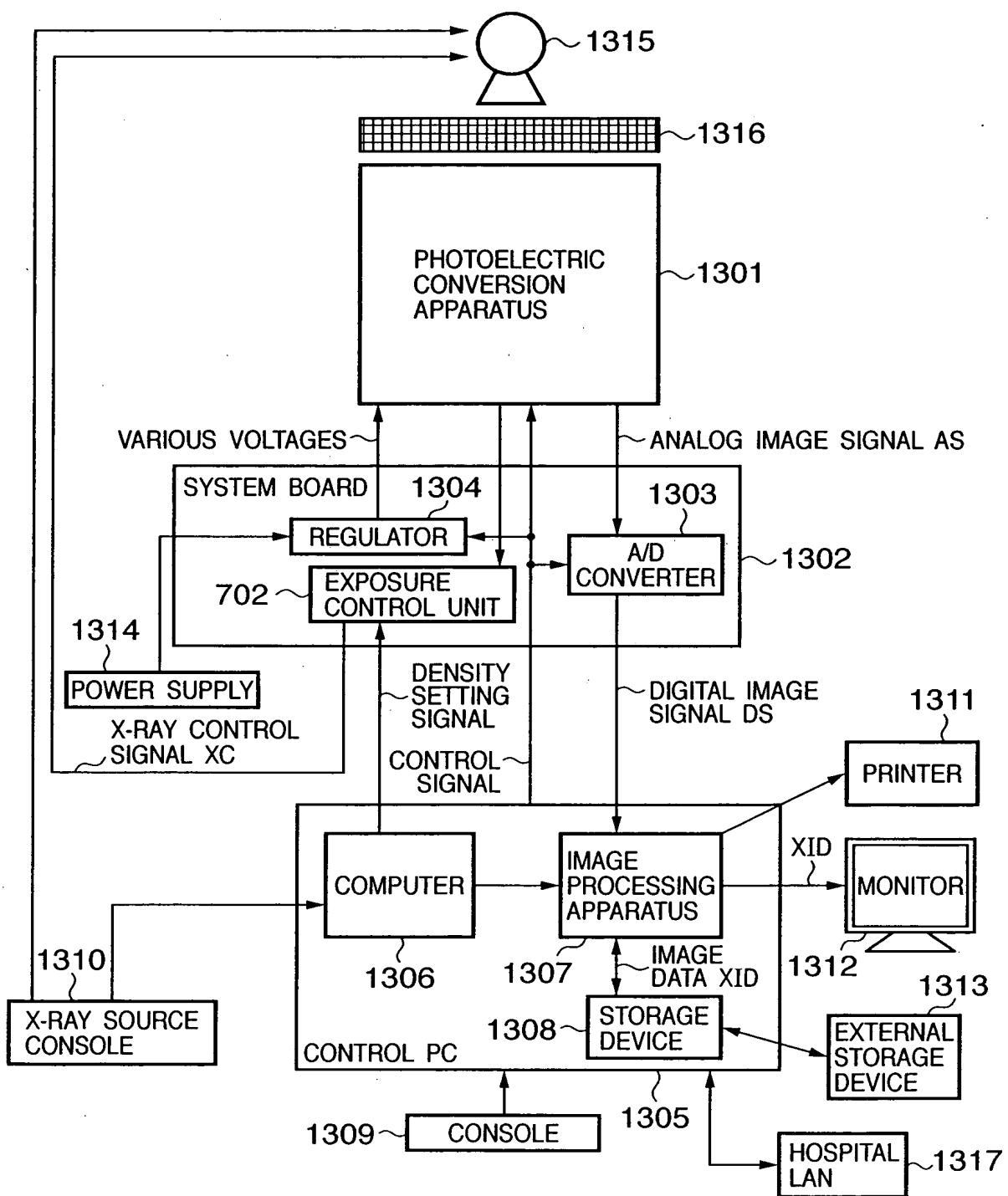
**FIG. 11A****FIG. 11B**

FIG. 12



**FIG. 13  
PRIOR ART**